

## OPINION 1925

***Turrilites gravesianus* d'Orbigny, 1842 (currently *Hypoturrilites gravesianus*; Mollusca, Ammonoidea): specific name conserved and a replacement lectotype designated; *Turrilites tuberculatus* Bosc, [1802] (currently *Hypoturrilites tuberculatus*): placed on the Official List**

**Keywords.** Nomenclature; taxonomy; Cephalopoda; Ammonoidea; Upper Cretaceous; ammonites; *Hypoturrilites*; *Hypoturrilites gravesianus*; *Hypoturrilites tuberculatus*.

**Ruling**

- (1) Under the plenary powers:
  - (a) the specific name *giganteus* de Haan, 1825, as published in the binomen *Turrilites giganteus*, is hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy;
  - (b) all previous type fixations for the nominal species *Turrilites gravesianus* d'Orbigny, 1842 are hereby set aside and specimen no. BMNH C5762b in the collections of the Natural History Museum, London, is designated as the lectotype.
- (2) The name *Hypoturrilites* Dubourdieu, 1953 (gender: masculine), type species by original designation *Turrilites gravesianus* d'Orbigny, 1842, is hereby placed on the Official List of Generic Names in Zoology.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
  - (a) *gravesianus* d'Orbigny, 1842, as published in the binomen *Turrilites gravesianus* and as defined by the lectotype designated in (1)(b) above (specific name of the type species of *Hypoturrilites* Dubourdieu, 1953);
  - (b) *tuberculatus* Bosc, [1802], as published in the binomen *Turrilites tuberculata* (recte *tuberculatus*) and as defined by the neotype (specimen no. BMNH C5762a in the collections of the Natural History Museum, London) designated by Kennedy & Wright (1997).
- (4) The name *giganteus* de Haan, 1825, as published in the binomen *Turrilites giganteus* and as suppressed in (1)(a) above, is hereby placed on the Official Index of Rejected and Invalid Names in Zoology.

**History of Case 2948**

An application to conserve the specific name of *Turrilites gravesianus* d'Orbigny, 1842, defined by a replacement lectotype, and to place *T. tuberculatus* Bosc, [1802] on the Official List defined by the neotype designated by Kennedy & Wright (1997), was received from Prof W.J. Kennedy (*University Museum, Oxford, U.K.*) and Dr C.W. Wright (then of *Seaborough, Beaminstor, Dorset, U.K.*) on 26 August 1994. After correspondence the case was published in BZN 54: 222–225 (December 1997). Notice of the case was sent to appropriate journals.

### Decision of the Commission

On 1 September 1998 the members of the Commission were invited to vote on the proposals published in BZN 54: 224. At the close of the voting period on 1 December 1998 the votes were as follows:

Affirmative votes — 18: Bock, Brothers, Cocks, Cogger, Eschmeyer, Kabata, Macpherson, Mahnert, Martins de Souza, Mawatari, Minelli, Nielsen, Nye, Papp, Patterson, Savage, Schuster, Štys

Negative votes — 1: Dupuis.

Bouchet abstained.

No votes were received from Lehtinen, Kerzhner, Kraus and Song.

Heppell and Ride were on leave of absence.

Bouchet commented that, in his view, the application contained insufficient information about the usage of names to allow a vote.

### Original references

The following are the original references to the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

*giganteus*, *Turrilites*, de Haan, 1825, *Specimen Philosophicum Inaugurale. Exhibens Monographiae Ammoniteorum et Goniatiteorum ....*, p. 78.

*gravesianus*, *Turrilites*, d'Orbigny, 1842, in: *Paléontologie Française; Terrains Crétacés. I. Céphalopodes*, p. 596.

*Hypoturrilites* Dubourdieu, 1953, *Bulletin du Service de la Carte Géologique de l'Algérie*, series 1 (Paléontologie), 16: 44.

*tuberculatus*, *Turrilites*, Bosc, [1802], *Histoire naturelle des coquilles*, vol. 5. In: *Histoire naturelle de Buffon, classée . . . d'après le système de Linné*, par R. R. Castel. P. 189, pl. 42, fig. 8.

The following is the reference for the designation of the neotype of *Turrilites tuberculatus* Bosc, [1802]:

Kennedy, W.J & Wright, C.W. 1997. BZN 54: 224.